

ONLINE POSTGRADUATE SUMMER SCHOOL ON GREEN CHEMISTRY

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Lectures and teachers 2020



Emiliano Cazzola

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Lecture title: "Green Radiochemistry: dream or reality?"

Profile

Emiliano Cazzola is a research manager at Cyclotron & Radiopharmacy Department of Sacro Cuore Hospital Negrar (VR)-Italy since 2015. In 2001 he obtained his degree in Chemistry at Ferrara University; in 2004 he got the Ph.D in Biotechnology at the Ferrara University, working on development of a new class of radiopharmaceuticals based on ^{188}Re and $^{99\text{m}}\text{Tc}$ applied on Nuclear Medicine. In 2005 he concluded a Master degree in Radiochemistry with a thesis on a new ^{18}F Fluorine approach for the labeling of biological molecules. Since 2005 he was hired on GE Healthcare to support and develop radiopharmaceuticals products in the Southern Europe. In the following 10 years up to 2015 he covered different positions inside the radiopharmaceutical business of GE. He has been one of the founders of Italian "Interdisciplinary Group of Radiopharmaceuticals Chemistry" (GICR) and since 2016 he's member of board of directors. In 2016 he started the collaboration as a consultant with IAEA (International Agency of Atomic Energy), an UN agency and he was dedicated, as Radiopharmaceutical and Radiochemistry Expert in technical mission, to implement Radiopharmaceutical knowledge on developing countries. Since 2019 he is an expert of Group 14 (Radiopharmacy) of the European Directorate for Quality of Medicine (EDQM) inside the Council of Europe group, committed to elaborating Radiopharmaceutical Monograph for radiopharmaceutical products.

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